Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, story points)

Date	18 October 2022
Team ID	PNT2022TMID52484
Project Name	Fertilizers Recommendation System For Disease Prediction
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation: (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Collection of data	USN-1	Collect the data from various resources and analyze the collected data.	2	Low	Keerthika, Swati,Divya Dinesh
Sprint-1	Data preprocessing	USN-2	Importing the required libraries then loading the data and reshaping as a preprocessed data for making them as a same format.	3	Low	Keerthika, Swati,Divya Dinesh

Sprint-2	Model creation and Training (Fruits)	USN-3	Create a model which can classify fruit plants from given images. We also need to train and test the model.	8	High	Keerthika, Swati,Divya Dinesh
Sprint-2	Model creation and training (Vegetables)	USN-4	Create a model which can classify vegetables plants from given images. We also need to train and test the model	8	High	Keerthika, Swati,Divya Dinesh
Sprint-3	Registration	USN-5	As a user, I can register for the application by entering my email, password, and confirming my password	4	Medium	Keerthika, Swati,Divya Dinesh
Sprint-3	Login	USN-6	As a user, I can log into the application by entering email & password	4	Medium	Keerthika, Swati,Divya Dinesh
Sprint-3	Upload page	USN-7	As a user, I will be redirected to a page where I can upload my pictures of crops	4	High	Keerthika, Swati,Divya Dinesh
Sprint-3	Suggestion results	USN-8	As a user, I can view the results and then obtain the suggestions provided by the ML model	5	High	Keerthika, Swati,Divya Dinesh

| Sprint-3 | Flask | USN-9 | Deployment of all codes in our local system using the framework called flask | 8 | High | Keerthika, Swati,Divya Dinesh |
| Sprint-4 | Integration | USN-10 | Deployment of flask and CNN model in cloud | 8 | High | Keerthika, Swati,Divya Dinesh |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	17	6 Days	24 Oct 2022	29 Oct 2022	17	30 Oct 2022
Sprint-2	15	6 Days	31 Oct 2022	05 Nov 2022	12	06 Nov 2022
Sprint-3	19	6 Days	07 Nov 2022	12 Nov 2022	15	13 Nov 2022
Sprint-4	15	6 Days	14 Nov 2022	19 Nov 2022	14	20 Nov 2022

Projects / Fertilizers Recommendation System For Disease Prediction

Backlog   • • •

🔍 _____   KA D D S 👤⁺   Epic ˅   📈 Insights

▾ **FRSFDP Sprint 1** 24 Oct – 31 Oct (2 issues)   ③ **②** ⓪ Complete sprint • • •

☐ FRSFDP-1 Collect the data from various resources and analyze the collected data. **COLLECTION OF DATA**   2 IN PROGRESS ˅ 🟠 D

☐ FRSFDP-2 Importing the required libraries then loading the data and reshaping as a preprocessed data for making them as a same format. **DATA PREPROCESSING**   3 TO DO ˅ 🔴 KA

﹢ Create issue

▾ **FRSFDP Sprint 2** 31 Oct – 7 Nov (2 issues)   ⑧ **⑧** ⓪ Complete sprint • • •

☐ FRSFDP-3 Create a model which can classify fruit plants from given images. We also need to train and test the model **MODEL CREATION**   8 IN PROGRESS ˅ 🔵 D

☐ FRSFDP-4 Create a model which can classify vegetables plants from given images. We also need to train and test the model **MODEL CREATION**   8 TO DO ˅ ⚫ S

﹢ Create issue

▾ **FRSFDP Sprint 3** 7 Nov – 14 Nov (5 issues)   ㉕ ⓪ ⓪ Complete sprint • • •

☐ FRSFDP-5 As a user, I can register for the application by entering my email, password, and confirming my password **REGISTRATION**   4 TO DO ˅ ⚫ S

☐ FRSFDP-6 As a user, I can log into the application by entering email & password **LOGIN**   4 TO DO ˅ 🔵 D

Projects / Fertilizers Recommendation System For Disease Prediction

Backlog   ⋯

🔍   KA D D S   👤⁺   Epic ⌄   📈 Insights

⌄ **FRSFDP Sprint 3** 7 Nov – 14 Nov (5 issues)   25 ⓿ ⓿ Complete sprint ⋯

🟩 FRSFDP-5 As a user, I can register for the application by entering my email, password, and confirming my password   REGISTRATION   4   TO DO ⌄   S

🟩 FRSFDP-6 As a user, I can log into the application by entering email & password   LOGIN   4   TO DO ⌄   D

🟩 FRSFDP-7 As a user, I will be redirected to a page where I can upload my pictures of crops   UPLOAD PAGE   4   TO DO ⌄   KA

🟩 FRSFDP-8 As a user, I can view the results and then obtain the suggestions provided by the ML model   SUGGESTION RESULT   5   TO DO ⌄   D

🟩 FRSFDP-9 Deployment of all codes in our local system using the framework called flask   FLASK   8   TO DO ⌄   D

＋ Create issue

⌄ **FRSFDP Sprint 4** 14 Nov – 21 Nov (1 issue)   8 ⓿ ⓿ Complete sprint ⋯

🟩 FRSFDP-10 Deployment of flask and CNN model in cloud   INTEGERATION   8   TO DO ⌄   KA

＋ Create issue

Jira Software

Your work ⌄ Projects ⌄ Filters ⌄ Dashboards ⌄ People ⌄ Apps ⌄ **Create**

Search

Fertilizers Recommend...
Software project

PLANNING

⚏ Roadmap

⬚ Backlog

▥ Board

DEVELOPMENT

</> Code

▤ Project pages

Add shortcut

⚙ Project settings

You're in a team-managed project
Learn more

Projects / Fertilizers Recommendation System For Disease Prediction

All sprints

Complete sprint ⋯

🔍   KA D D S 👥+   Epic ⌄   Sprint ⌄

GROUP BY None ⌄   Insights

TO DO 8 ISSUES

Create a model which can classify fruit plants from given images. We also need to train and test the model

MODEL CREATION

FRSFDP-3   8 D

Create a model which can classify vegetables plants from given images. We also need to train and test the model

MODEL CREATION

FRSFDP-4   8 S

As a user, I can register for the application by entering my email, password, and confirming my password

REGISTRATION

FRSFDP-5   4 S

As a user, I can log into the application by entering email & password

LOGIN

IN PROGRESS 1 ISSUE

Importing the required libraries then loading the data and reshaping as a preprocessed data for making them as a same format.

DATA PREPROCESSING

FRSFDP-2   3 KA

IN REVIEW 1 ISSUE

Collect the data from various resources and analyze the collected data.

COLLECTION OF DATA

FRSFDP-1   2 D

DONE ✓

Fertilizers Recommend...
Software project

PLANNING

≋ Roadmap

🗄 Backlog

▥ Board

DEVELOPMENT

</> Code

▤ Project pages

⌷ Add shortcut

⚙ Project settings

All sprints

Complete sprint   ...

Q   KA A D D S ⊕   Epic ⌄   Sprint ⌄   GROUP BY None ⌄   Insights

TO DO 8 ISSUES	IN PROGRESS 1 ISSUE	IN REVIEW 1 ISSUE	DONE ✓	+
As a user, I will be redirected to a page where I can upload my pictures of crops				
UPLOAD PAGE				
▣ FRSFDP-7 4 KA				
As a user, I can view the results and then obtain the suggestions provided by the ML model				
SUGGESTION RESULT				
▣ FRSFDP-8 S D				
Deployment of all codes in our local system using the framework called flask				
FLASK				
▣ FRSFDP-9 8 D				
Deployment of flask and CNN model in cloud				
INTEGERATION				
▣ FRSFDP-10 8 KA				

You're in a team-managed project
Learn more